

# PRESIDENT™



## HR2510

10 Meter Amateur  
Mobile Transceiver

# Contents

Welcome .....	2
Controls and Functions .....	3, 4, 5
Front Panel Connector .....	6
Rear Panel Connectors .....	7, 8
Installation .....	9
Operation .....	10, 11, 12, 13, 14
Specifications .....	15
Troubleshooting .....	16
Amateur Radio Operation .....	17, 18

# Welcome !

To the world of 10 Meter amateur radio communications! You have purchased what we feel to be the finest 10 Meter mobile transceiver available. Your HR 2510 has been designed using the latest state of the art electronics to give you years of trouble free service. To get the most from your HR 2510, please read this operating guide thoroughly.

***WARNING: You must have a D.O.T.C. Amateur Radio Operator's License to legally transmit using your transceiver. Transmitting without a license carries heavy penalties.***

## Unpacking

Your HR 2510 is supplied with the following items. If any items are missing or appear damaged, DO NOT return the unit to the place of purchase. Instead, contact Uniden Australia Pty. Ltd. at your nearest dealer as shown on the back cover.

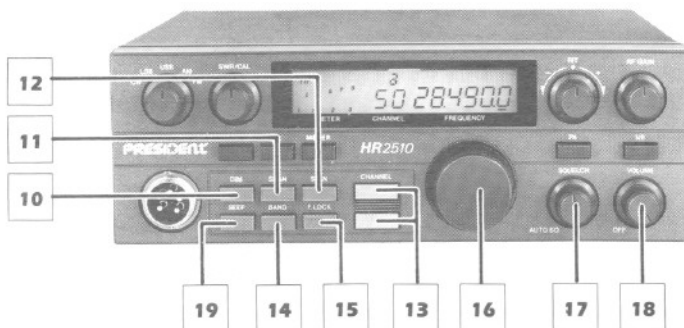
- HR 2510 10 Meter Transceiver
- Dynamic Microphone with Channel Up/Down control
- Transceiver & Microphone Mounting Brackets & Hardware
- Power Cord with In-Line fuse holder
- Accessory Plug (Jumpered for internal speaker use)
- Accessory Plug (With wires for connecting accessories)
- This operating guide

We also recommend that you retain the original box and packing, as it makes a convenient way to transport the unit.



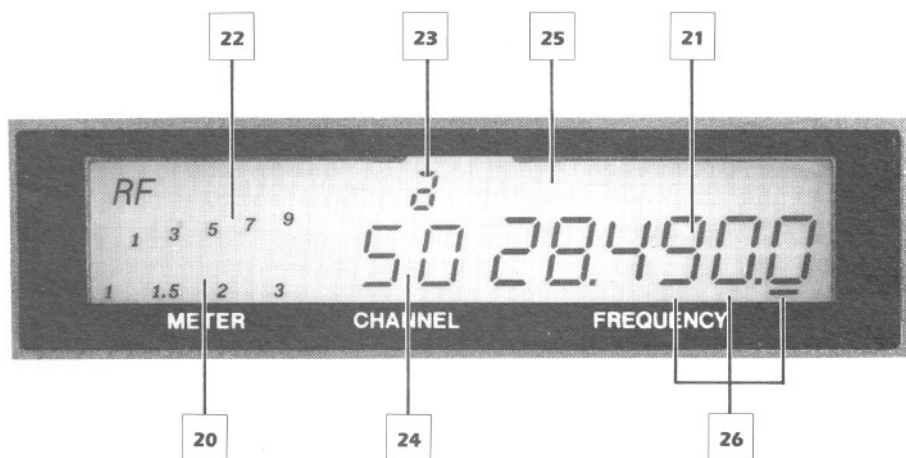
# Controls and Functions - continued

10. **Dim Switch** - Pressing the Dim switch dims the display backlighting. Press again to return backlighting to its normal (high) level.
11. **Scan Switch** - The Scan control is used to scan up to 50 channels in each band segment. See the section on operation for more information on using the Scan Control.
12. **Span Switch** - This control is used to select either 10 KHz, 1 KHz, or 100 Hz steps for the VFO. The currently selected step is indicated by a line under the relevant digit on the Frequency Display.
13. **Channel  $\wedge$  and  $\vee$**  - Pressing these controls will step up or down to the next 10KHz channel in the currently selected band segment. The currently selected channel is displayed next to the frequency display.
14. **Band Switch** - Pressing this control will select one of the four band segments. Band segments are: **a**:28.0000 - 28.4999, **b**:28.5000-28.9999, **c**:29.0000-29.4999, and **d**:29.5000-29.6999 MHz. The currently selected band segment is displayed above the channel display.
15. **F. Lock Switch** - Pressing the Frequency Lock button will disable all frequency determining controls on the front panel, to prevent accidental changes of frequency.
16. **VFO Control** - The Variable Frequency Oscillator control is used to select the desired transmit and receive frequency. Tuning is continuous throughout the entire range of the HR 2510, with no need to select band segments.
17. **Squelch Control** - The Squelch control is used to adjust the squelch function, which eliminates the "rushing" sound between transmissions. Turning the squelch control CCW until it clicks enables the auto squelch, eliminating the need to manually adjust the squelch.
18. **On/Off/Volume Control** - This control is used to turn the unit on or off and to adjust the volume.
19. **Beep Switch** - Pressing this control will cause a short beep tone to be transmitted whenever you release the PTT switch on the microphone.



## Controls and Functions - continued

20. **Multifunction Meter** - This meter can display S/RF, Modulation, SWR Cal, or SWR. See item (7), Meter Switch and the operation section for more information.
21. **Frequency Display** - The Frequency Display displays the currently selected transmit and receive frequency.
22. **Meter Mode Display** - Displays the currently selected meter operating mode.
23. **Band Segment Display** - Shows the currently selected band segment.
24. **Channel Display** - Gives the selected channel number.
25. **TX Indicator** - Illuminates when PTT or TX Switch is pressed, or CW key is down.
26. **VFO Step Indicator** - Displays the currently selected VFO step. (The photo shows 100Hz step selected).



27. **Remote Control Channel**  $\wedge$  and  $\vee$  **switches** - You can step up or down by one 10 KHz channel within the current band segment using these controls. See the section on operation for more information.
28. **PTT Switch** - The Push to Talk switch is used to control the transmit and receive of your HR 2510. Press to transmit, and release to receive.

